Scott M. Matheson Governor



TH AM 1032 1036

DIVISION OF ENVIRONMENTAL HEALTH

150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110



James O. Mason, M.D., Dr.P.H. Executive Director 801-533-6111

DIVISIONS

Community Health Services Environmental Health Family Health Services Health Care Financing and Standards

OFFICES

Administrative Services Health Planning and Policy Development Medical Examiner State Health Laboratory December 22, 1981 (801) 533-6146

Alvin E. Rickers, Director Room 426 801-533-6121

JIM

DEC 28 1981

Mr. Robert G. Young Agent for Allied Mission Oil, Inc. 612 Rico Way Grand Junction, Colorado 81501

Re: Vanadium Queen Mine Water Discharge

Dear Mr. Young:

The enclosed sample analyses of the Vanadium Queen August 12, 1981 mine discharge indicated the following unsatisfactory results:

	<u>Effluent</u>	State Standard
Total Suspended Solids mg/l Total Dissolved Solids Gross Alpha Gross Beta Radium-226	1000 mg/l 828 mg/l 6697 pc/l 8433 pc/l 543 pc/l	25 mg/l l ton/day l5 pc/l 50 pc/l 5 pc/l

According to our information and the NPDES permit UT-0023442 a mine discharge is not approved unless there has been a rainfall event exceeding the 10 year 24 hour storm. You are requested to immediately cease the discharge of water disturbed by mining operations. In addition to the enclosed information we requested March 3, 1980, we request that Allied Mission Oil, Inc. submit by January 15, 1982 the following information:

- Diagram showing the location of mine water source, mining areas, haulage way, mine dump and mine water flow.
- Mine water discharge volume.
- August 12, 1981 precipitation data.
- 4. Corrective measures used to prevent the discharge of water disturbed by mining operations.

Mr. Robert G. Young Page Two

- 5. Date corrective measures were implemented.
- 6. Proposed plans and information including specific dates for implementation of additional mine water discharge treatment. This must include diversion of the mine water away from the waste rock dump.

You are again reminded that prior to initiating construction of any wastewater treatment system, the plans must be approved by this office.

Sincerely,

UTAH WATER POLLUTION CONTROL COMMITTEE

Calvin K. Sudweeks Executive Secretary

SRM: drb

Enclosure

cc: Fred Nelson, Assistant Attorney General Oil, Gas and Mining EPA - Denver

STATE HEALTH LABURATORY 44 MEDICAL DR. SALT LAKE CITY UTAH 84113 RADIOCHEMICAL ANALYSIS REPORT

PHONE 533-6131

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****** REVISED REPORT ******

	DATE AND TIME REPORTED 1 D	EC 1981 4:45:22 PM	
SAMPLE NO:	814713.	DATE COLLECTED: 120	0881.
CESSIUN NU:	810851.	TIME COLLECTEN:	1030.
	NO: 495895008.	DATE RECEIVED: 270	
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